

09/674,716 1

SEQUENCE LISTING

<110> Glaxo Group Limited.

<120> Antibodies to CD23, derivatives thereof, and their therapeutic uses.

<130> PG3433

<150> ~~140~~ CA 2,328,606

<151> 1999-05-07

Does Not Comply
Corrected Diskette Needed

<150> PCT/GB99/01434

<151> 1999-05-07

<150> GB 9809839.5

<151> 1998-05-09

<160> *07 p.2*

<170> PatentIn Ver. 2.1

<210> 1

<211> 415

<212> DNA

<213> Mus musculus

<220>

<221> CDS

<222> (3)..(413)

<400> 1

aa gct tta cag tta ctc a^{gc} aca cag gac ctc acc atg gat ttt ggg 47
Ala Leu Gln Leu Leu Ser Thr Gln Asp Leu Thr Met Asp Phe Gly
1 5 10 15

ctg att ttt ttt att gtt ctt tta aaa ggg gtc cag agt gaa gtg aag 95
Leu Ile Phe Ile Val Leu Leu Lys Gly Val Gln Ser Glu Val Lys
20 25 30

ctt gag gag tct gga gga ggc ttg gtg caa cct gga gga tcc atg aaa 143
Leu Glu Glu Ser Gly Gly Leu Val Gln Pro Gly Gly Ser Met Lys
35 40 45

ctc tcc tgt gta gcc tct gga ttt act ttc agt ggc tac tgg atg tct 191
Leu Ser Cys Val Ala Ser Gly Phe Thr Phe Ser Gly Tyr Trp Met Ser
50 55 60

tgg gtc cgc cag tct cca gag aag ggg ctt gag tgg gtt gct gaa att 239
Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val Ala Glu Ile
65 70 75

aga ttg aaa tct gat aat tat gca aca cat tat gcg gag tct gtg aaa 287
Arg Leu Lys Ser Asp Asn Tyr Ala Thr His Tyr Ala Glu Ser Val Lys
80 85 90 95

ggg aag ttc acc atc tca aga gat gat tcc aaa agt cgt ctc tac ctg 335
Gly Lys Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Arg Leu Tyr Leu

*erroneous pages
shown*

Gln Gln Leu Val Glu Tyr Pro Phe Thr
 1 5

<210> 8
 <211> 27
 <212> DNA
 <213> Mus musculus

<220>
 <221> CDS
 <222> (1)..(27)

<400> 8
 caa cag ctg gta gag tat cca ttc acg
 Gln Gln Leu Val Glu Tyr Pro Phe Thr
 1 5

27

<210> 9
 <211> 5
 <212> PRT
 <213> Mus musculus

<400> 9
 Gly Tyr Trp Met Ser
 1 5

<210> 10
 <211> 15
 <212> DNA
 <213> Mus musculus

<220>
 <221> where are nucleotides?
 <210> 12
 <211> (57)
 <212> DNA
 <213> Mus musculus

→ Sequence 11 missing

<220>
 <221> (CDS)
 <222> where are nucleotides?
 Ala Thr His Tyr Ala Glu Ser
 1 5

10 15 —————— delite

gtg aag ggg
 (15) ?

Val His Ser

<210> 16
 <211> 19

non-ASII characters - this could indicate

<212> PRT
 ???
 ???p Val Trp Thr Leu Leu Phe Leu
 Met Ala Ala Ala Gln Ser

1

5

10

15

Ala

??
 ???
 Ser Leu Pro Val Thr Pro Gly
 1 5 10 15
 ???
 ???eu Tyr Lys
 20 25 30

gat ggg aag aca tac ttg aat tgg tac ctg cag aag
 c??
 ???gt gga tca ggc aca gat ttt aca
 ctg aaa atc 240

Asp Arg Phe Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
 65

??
 ???
 Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Gln Gln Leu

85

90

95

??
 ???
 <220>

<223> Description of Artificial Sequence: Humanised
 anti-CD23 antibody heavy chain variable region.

<220>

<??
 ???eu Val Glu Ser Gly Gly Leu
 Val Lys Pro Gly Gly

1

5

10

15

tcc ctt

a??
 ???
 45

gct gaa att aga ttg aaa tct gat aat tat gca aca cat tat gcg gag 192
 Ala Glu Ile Arg Leu Lys Ser Asp

Asn??
 ???
 tca aga gat gat tca aaa tct
 aga 240

Ser Val Lys Gly Lys Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Arg
 65

??
 ???hr Val
 100 105 110

tcc tca gcc tcc acc aag ggc cca tcg gtc ttc ccc ctg
 g??
 ???
 125

tcc aag agc acc tct ggg ggc aca gcg gcc ctg ggc tgc ctg gtc aag 432

a
 bad
 disk
 sector